

Please add the following new claims:

Claim 25 (New):

An isolated, purified, or recombinant signal peptide:

- a) consisting of residues -16 to -1, inclusive, of SEQ ID NO: 831, or a fragment thereof; and
- b) directing the extracellular secretion of a polypeptide to which said signal peptide is operably linked.

Claim 26 (New):

An isolated, purified, or recombinant signal peptide consisting of an amino acid sequence that has at least 95% identity to the signal peptide of claim 25 and directs the extracellular secretion of a polypeptide to which said signal peptide is operably linked.

Claim 27 (New):

31 The signal peptide of claim 26, wherein said signal peptide consists of residues -16 to -1, inclusive, of SEQ ID NO: 831.

Claim 28 (New):

A purified polypeptide comprising the signal peptide of claim 25 fused in frame to a heterologous polypeptide.

Claim 29 (New):

A purified polypeptide comprising the signal peptide of claim 26 fused in frame to a heterologous polypeptide.

Claim 30 (New):

The polypeptide of claim 28, wherein said signal peptide consists of amino acids -16 to -1, inclusive, of SEQ ID NO: 831.

Claim 31 (New):

A method of producing the polypeptide of claim 25, comprising the steps of:

- a) culturing a host cell capable of expressing said polypeptide under conditions suitable for producing said polypeptide; and
- b) isolating and purifying said polypeptide produced by said host cell.

Claim 32 (New):

A method of producing the polypeptide of claim 26, comprising the steps of:

- a) culturing a host cell capable of expressing said polypeptide under conditions suitable for producing said polypeptide; and
- b) isolating and purifying said polypeptide produced by said host cell.

Claim 33 (New):

A method of producing the polypeptide of claim 28, comprising the steps of:

- a) culturing a host cell capable of expressing said polypeptide under conditions suitable for producing said polypeptide; and
- b) isolating and purifying said polypeptide produced by said host cell.

Claim 34 (New):

A method of producing the polypeptide of claim 29, comprising the steps of:

- a) culturing a host cell capable of expressing said polypeptide under conditions suitable for producing said polypeptide; and
- b) isolating and purifying said polypeptide produced by said host cell.